

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

1. (Currently Amended) An air-ventilator comprising: a main housing, having first and second air-compartments along which first and second air streams respectively flow during operation[[;]], first and second air-moving devices for moving said first and second air streams respectively along said first and second air-compartments during operation[[;]], a thermal exchanger providing thermal exchange between said first and second air streams without mixing of said air streams[[;]], an air filter disposed at the upstream end of ~~one of said air compartments~~ said first air-compartment[[;]], and an additional air-moving device disposed in series with ~~one of said first~~ first air-moving devices device and intermediate said thermal exchanger and said air filter, said additional air-moving device being adapted to provide additional suction power to move additional air from said air filter towards said thermal exchanger whereby loss in air flow due to clogging or partial clogging of said air filter is compensated.
2. (Currently Amended) An air-ventilator according to claim 1, wherein said first and second air-moving devices are respectively disposed in said first and second air-compartments, and wherein said additional air-moving device is a centrifugal fan disposed in said first air-compartment, said centrifugal fan being disposed adjacent to said air filter and includes comprising deflection means to substantially change the direction of to deflect said first air stream whereby said first air stream undergoes a substantial change of direction upon exit from said additional air-moving device movement of an air stream moving through it.
3. (Currently Amended) An air-ventilator according to claim 2, wherein said first air stream undergoes a substantially orthogonal deflection upon transit through said additional air-moving device and said first air compartment comprises means for

further deflecting the first air stream after exit from said additional air-moving device and before reaching said first air-moving device, the further deflection by said first air compartment being also substantially orthogonal and directing said first air stream towards said first air-moving device ~~the air streams entering and leaving said additional air-moving device are substantially orthogonal to each other.~~

4. (Currently Amended) An air-ventilator according to claim 2 comprising: a main housing, first and second air-compartments, first and second air-moving devices respectively disposed in said first and second air-compartments for moving first and second air streams respectively along said first and second air-compartments during use, a thermal exchanger adapted for thermal exchange between said first and second air streams without mixing of said air streams, an air filter disposed at the upstream end of first air-compartment, and an additional air-moving device in series with said first air-moving device, the additional air-moving device being disposed in said first air-compartment and intermediate said thermal exchanger and said air filter, the additional air-moving device being adapted to provide additional power to move air from said air filter towards said thermal exchanger, wherein said additional air-moving device includes means to substantially change the direction of flow of said first air stream when moving through it, said first and second air-moving devices share a common rotational shaft, and the shaft of said additional air-moving device is substantially orthogonal to said common rotational shaft.
5. (Original) An air-ventilator according to claim 4, wherein said first, said second and said additional air-moving devices are disposed intermediate of said air filter and said thermal exchanger.
6. (Original) An air-ventilator according to claim 5, wherein said thermal exchanger is disposed at the downstream ends of said first and second air-compartments, and the upstream end of said thermal exchanger is generally opposite said air filter.
7. (Currently Amended) An air-ventilator according to Claim ~~[[1]]~~ 4, further including means to monitor pressure imbalances in the vicinity of said ventilator whereby additional suction power is provided by said additional air-moving device to

compensate for loss in air flow due to clogging or partial clogging of said air filter  
~~change the direction of movement of an air stream leaving said additional air-moving device towards said thermal exchanger.~~

8. (Original) An air-ventilator according to claim 7, wherein the portion of said first air-compartment proximal to the downstream end of said additional air-moving device includes baffle means to cause substantial change of direction of movement of the air stream leaving said additional air-moving device.
9. (Original) An air-ventilator according to claim 7, wherein the portion of said air-compartment interconnecting said additional air-moving device and said one of said air-moving devices that is in series with said additional air-moving device is configured to cause a substantial change of direction of movement of the air stream exiting from said additional air-moving device to move towards said thermal exchanger.
10. (Currently Amended) An air-ventilator according to claim 7, wherein said pressure imbalance is monitored by a sensor and the operation of said additional air-moving device is controlled by a micro-processor, said air-moving devices operating at 800-1200 rpm comprising: a main housing having first and second enclosed air-compartments along which first and second air streams respectively flow; first and second air moving devices for moving said first and second air streams respectively in said first and second air compartments; a thermal exchanger providing means for thermal exchange between said first and second air streams without mixing of said air streams; an air filter disposed at the upstream end of one of said air compartments; an additional air moving device disposed in said first air compartment in series between said air filter and said first air moving device, said additional air moving device including means to substantially change the direction of the air stream moving through it.
11. (Currently Amended) An air-conditioner including an air-ventilator of claim 10, wherein said thermal exchanger is ~~mounted and dismounted as~~ of a modular design a ~~module~~ for convenient maintenance.

12. (Currently Amended) An air-conditioner including an air-ventilator of claim 10, wherein ~~the said first air-stream being~~ is deflected substantially orthogonally twice while transiting through said first air compartment towards said first air-moving device ~~entering and that leaving said additional air moving device are substantially orthogonal to each other.~~
13. (Previously Presented) An air conditioner including an air-ventilator of claim 10, wherein said first, said second and said additional air-moving devices are disposed intermediate of said air filter and said thermal exchanger.
14. (New) An air-ventilator according to claim 1, further including means to monitor pressure imbalances in the vicinity of said ventilator whereby additional suction power is provided by said additional air-moving device to compensate for loss in air flow due to clogging or partial clogging of said air filter.
15. (New) An air-ventilator according to claim 14, wherein the portion of said first air-compartment proximal to the downstream end of said additional air-moving device includes baffle means to cause substantial change of direction of movement of the air stream leaving said additional air-moving device.
16. (New) An air-ventilator according to claim 14, wherein the portion of said air-compartment interconnecting said additional air-moving device and said first air-moving device is configured to cause a substantial change of direction of movement of the air stream exiting from said additional air-moving device to move towards said thermal exchanger.
17. (New) An air-ventilator according to claim 14, wherein said pressure imbalance is monitored by a sensor and the operation of said additional air-moving device is controlled by a micro-processor, said air-moving devices operating at 800-1200 rpm.